

1. The present invention relates to a control system for an internal combustion engine, and more particularly to a control system for an internal combustion engine that includes a microprocessor.

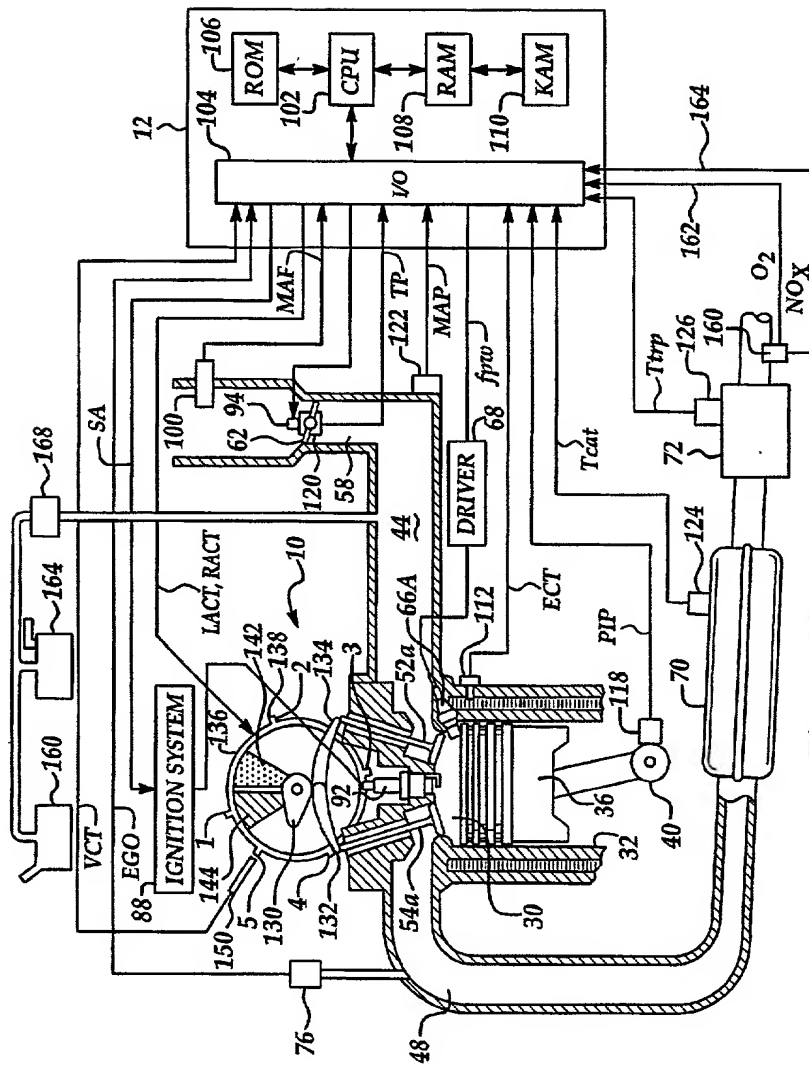


Figure 1A

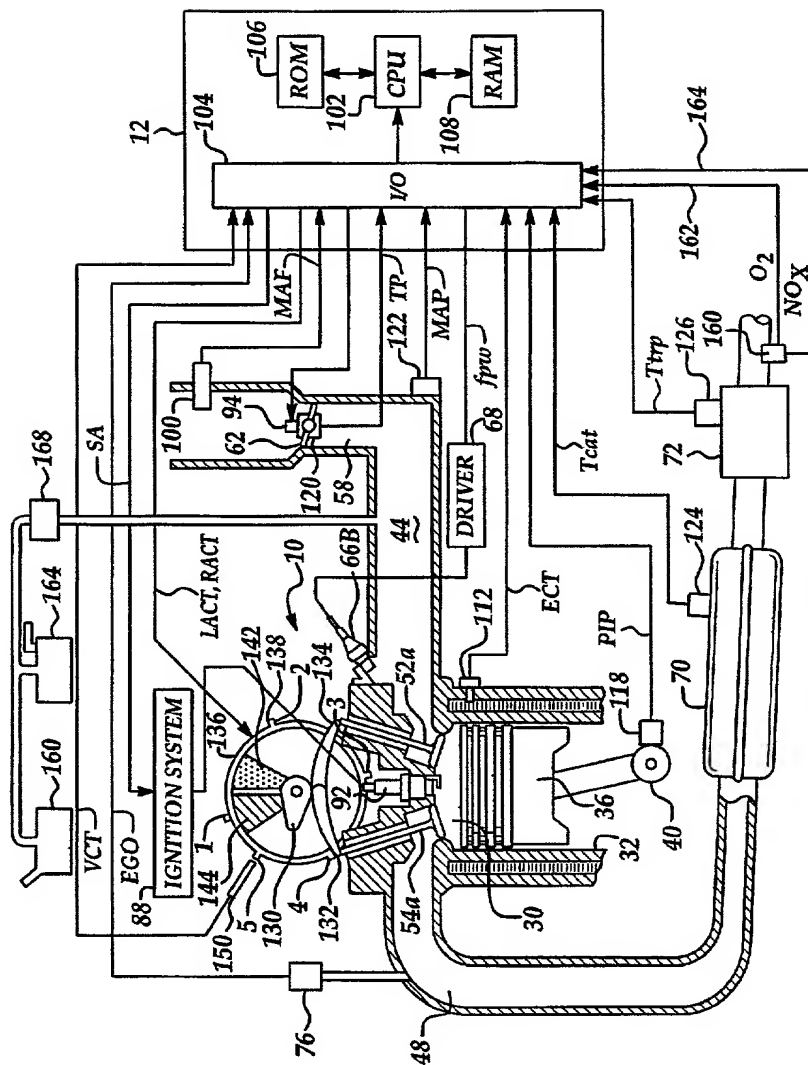


Figure 1B

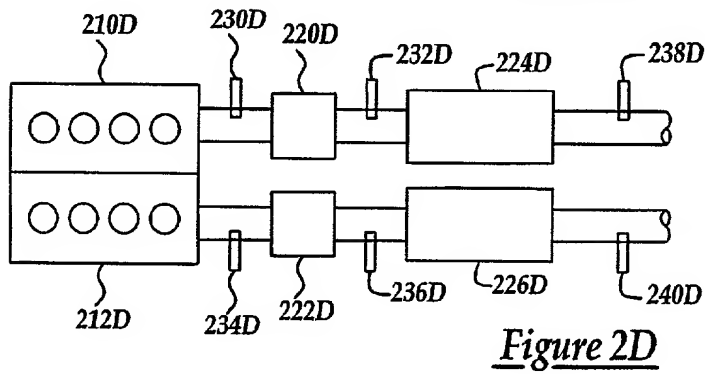
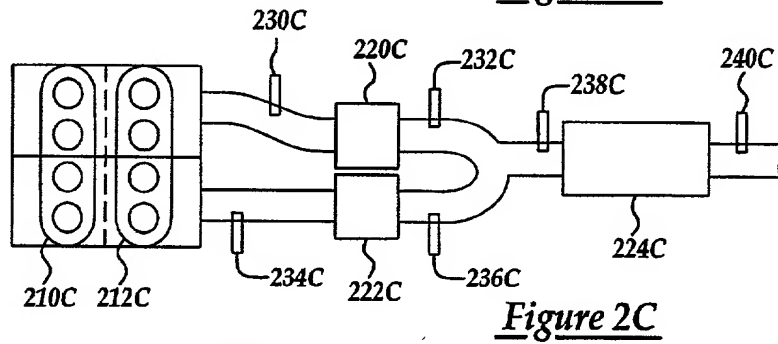
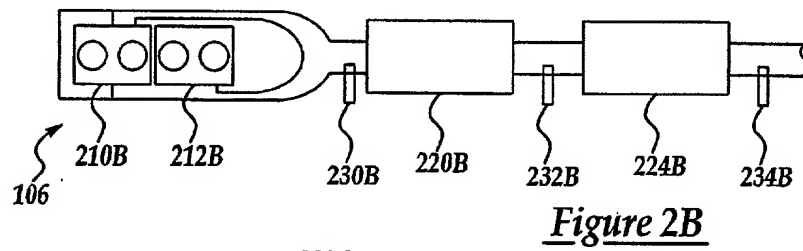
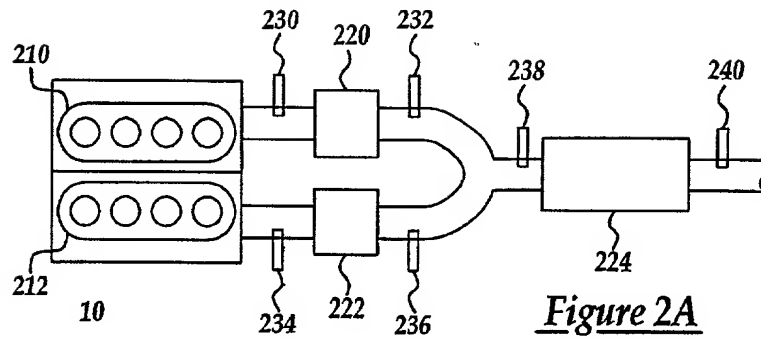
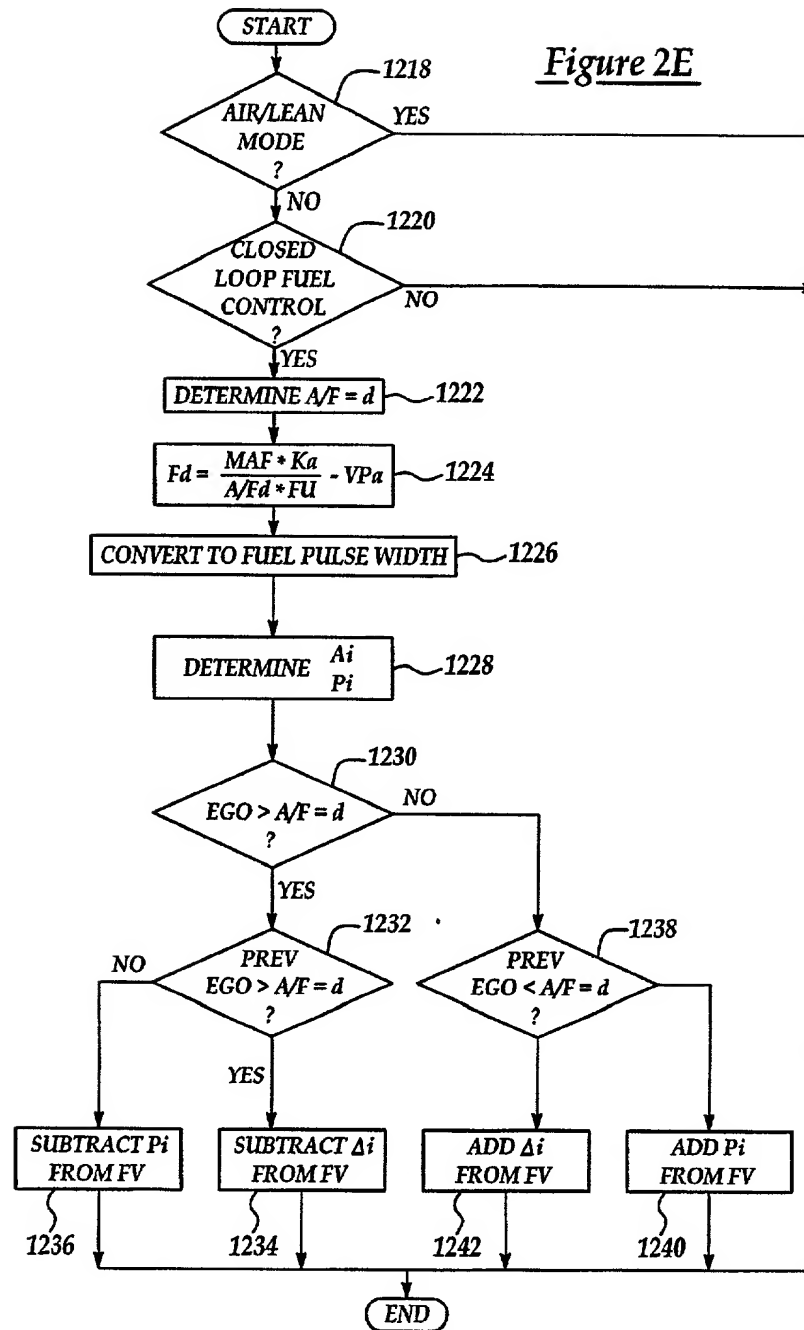
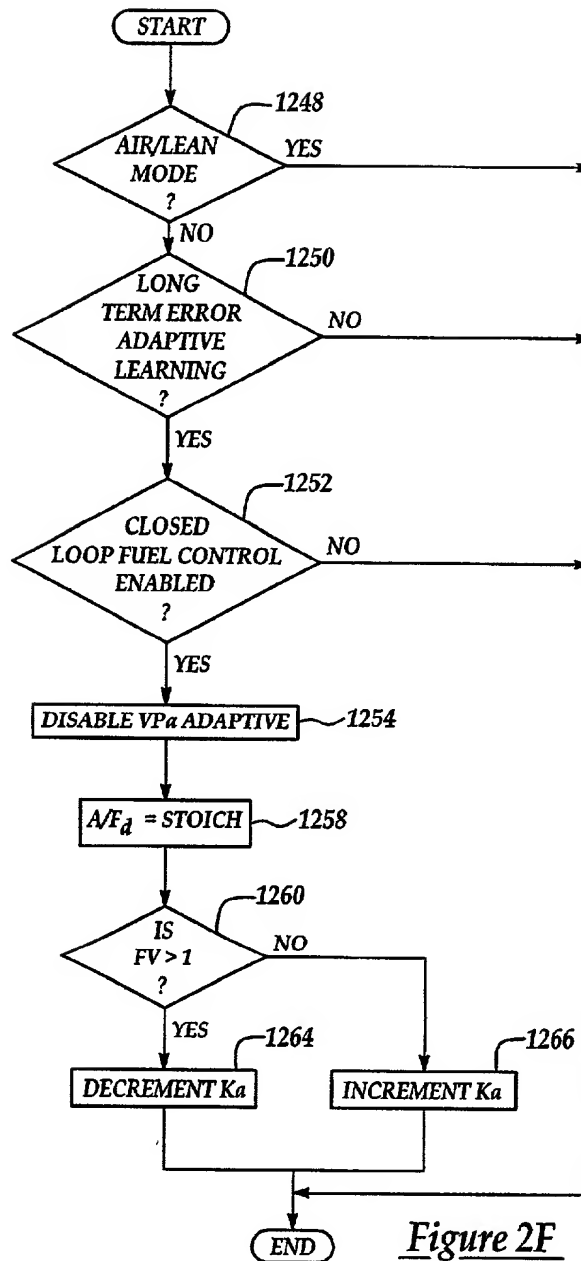
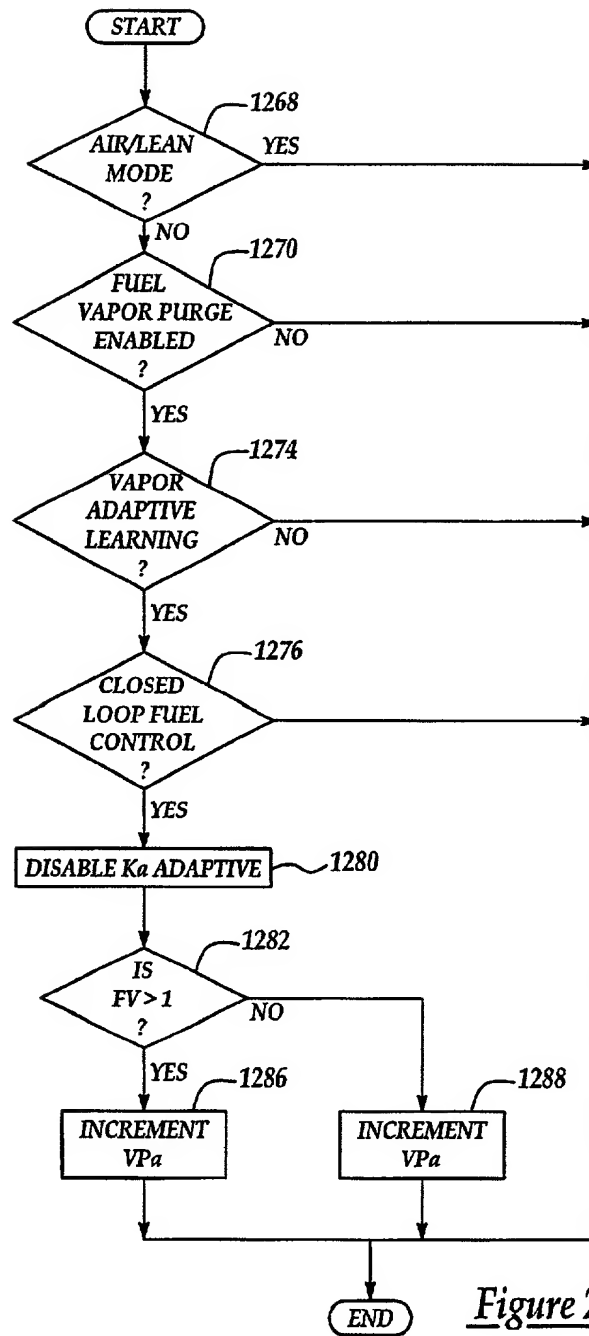


Figure 2E

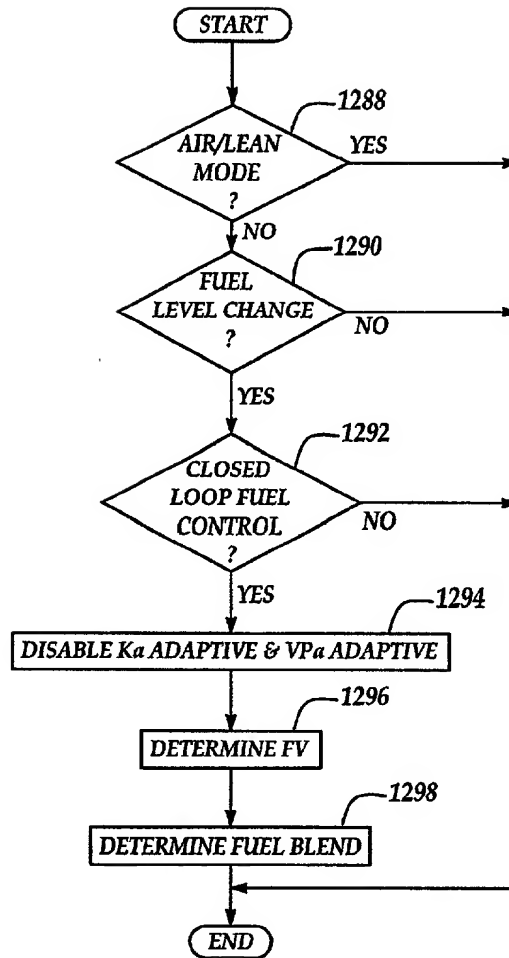




*Figure 2F*



*Figure 2G*



**Figure 2H**

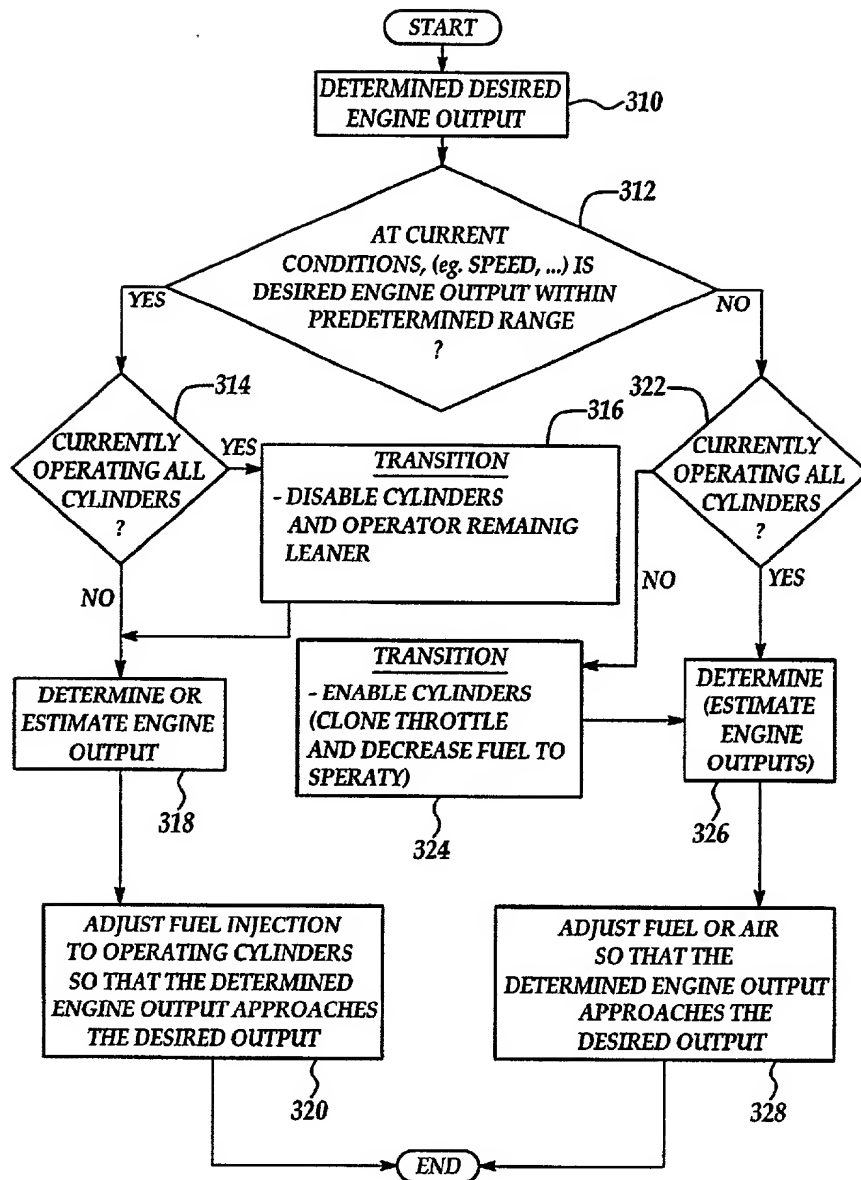


Figure 3A



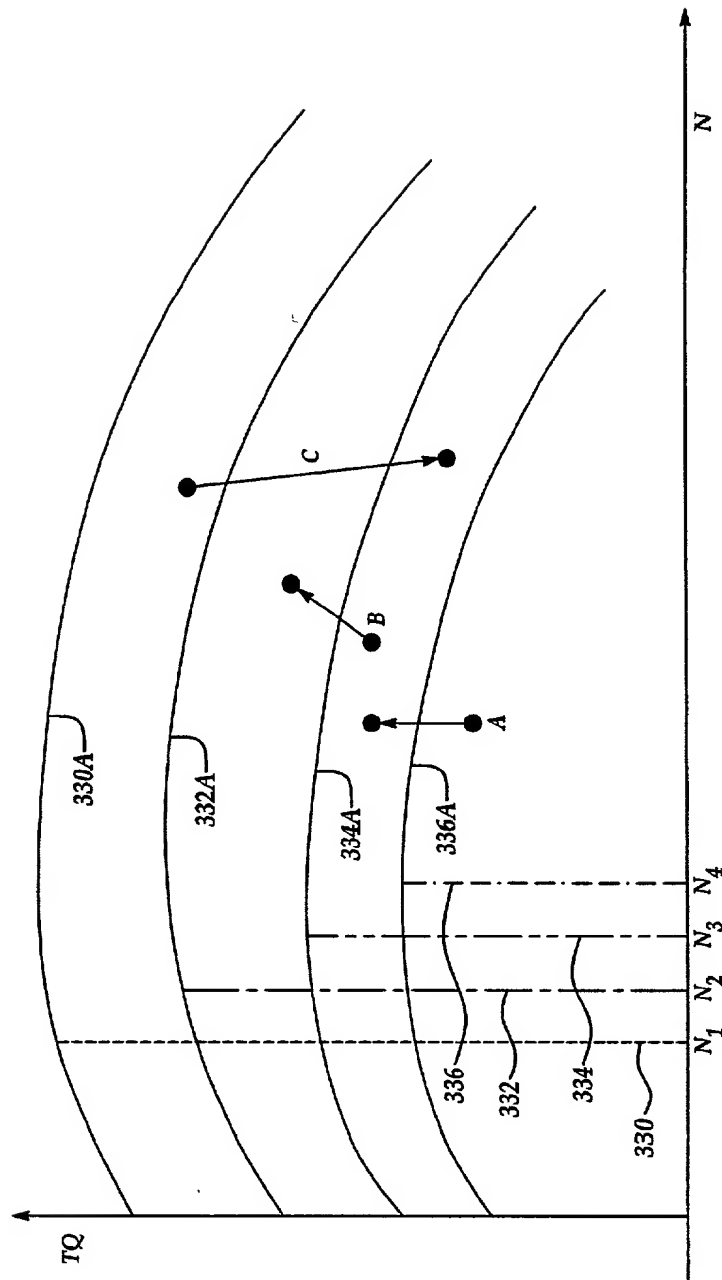
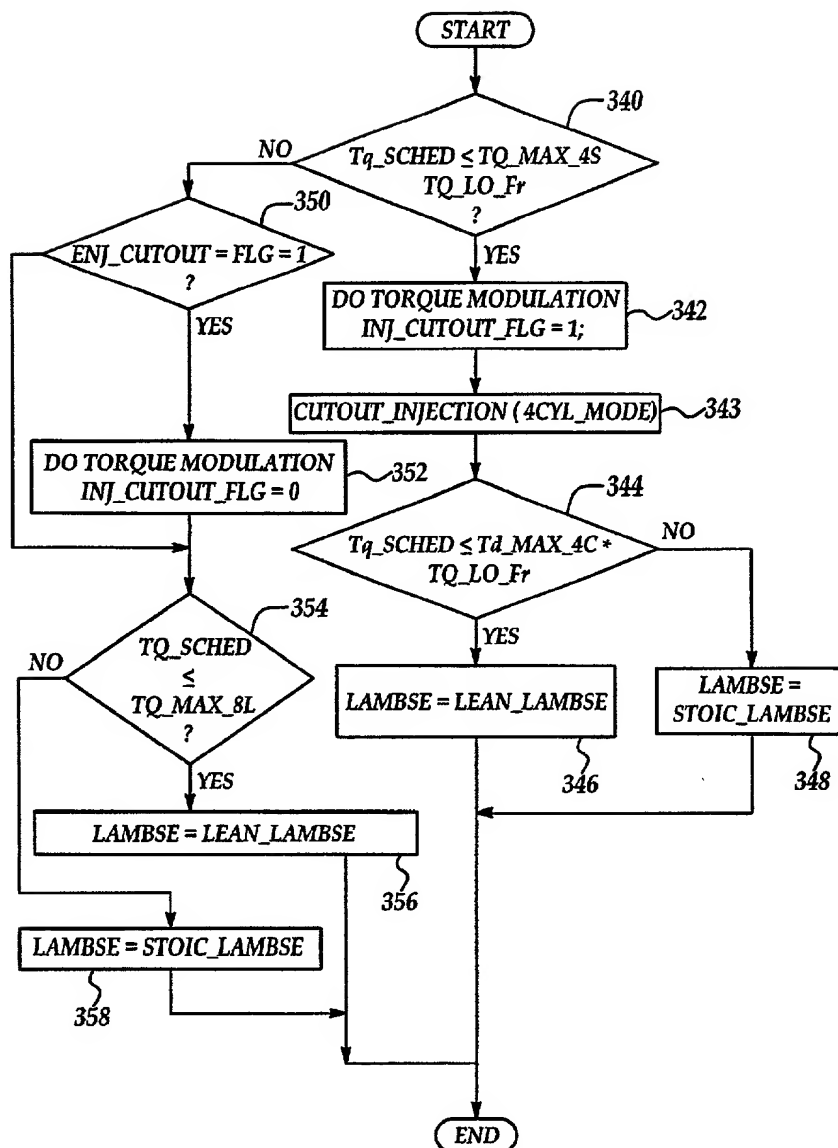


Figure 3B



**Figure 3C**

Figure 3D(1)A

8 = 4 CYL. TRANSITION



Figure 3D(1)B

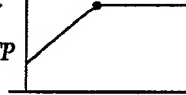


Figure 3D(1)C

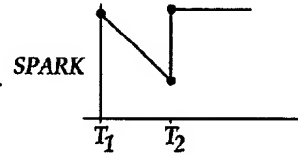
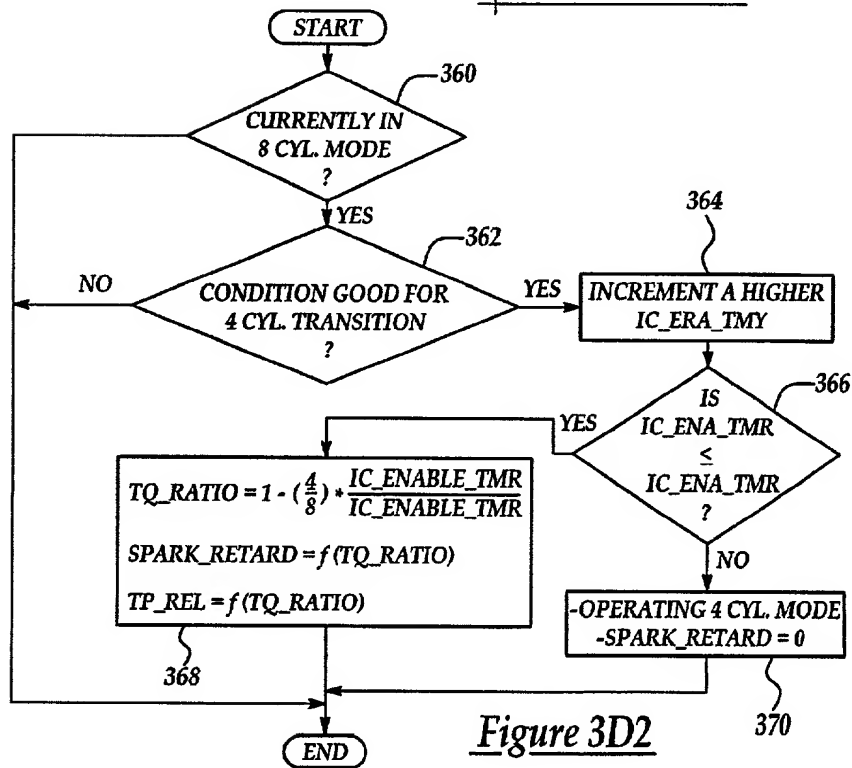
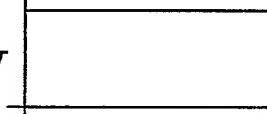


Figure 3D(1)D



4 CYLINDER      8 CYLINDER

Figure 3D(3)A

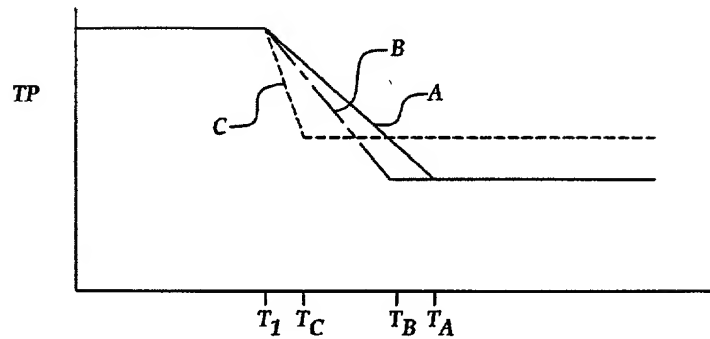


Figure 3D(3)B

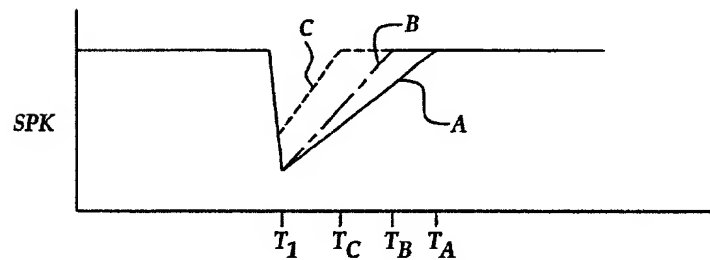


Figure 3D(3)C

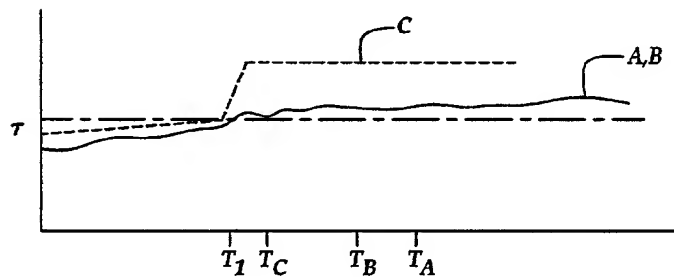


Figure 3D(3)D

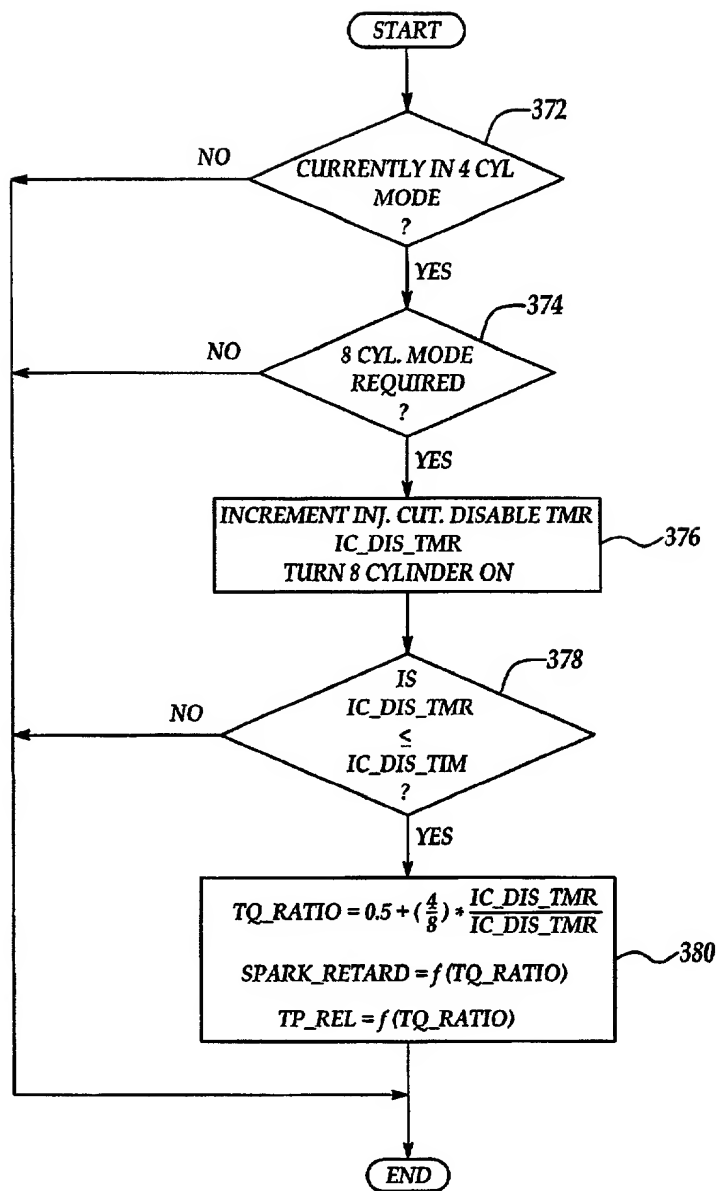


Figure 3E

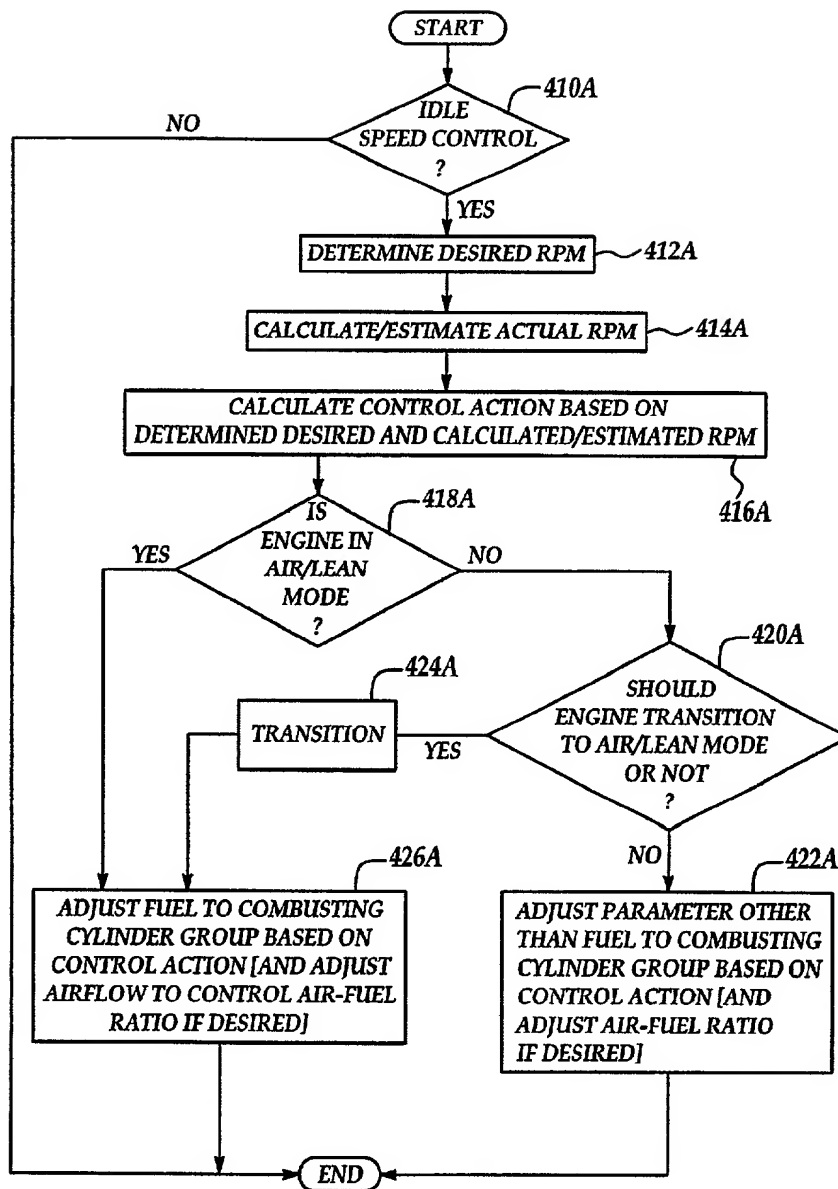


Figure 4A

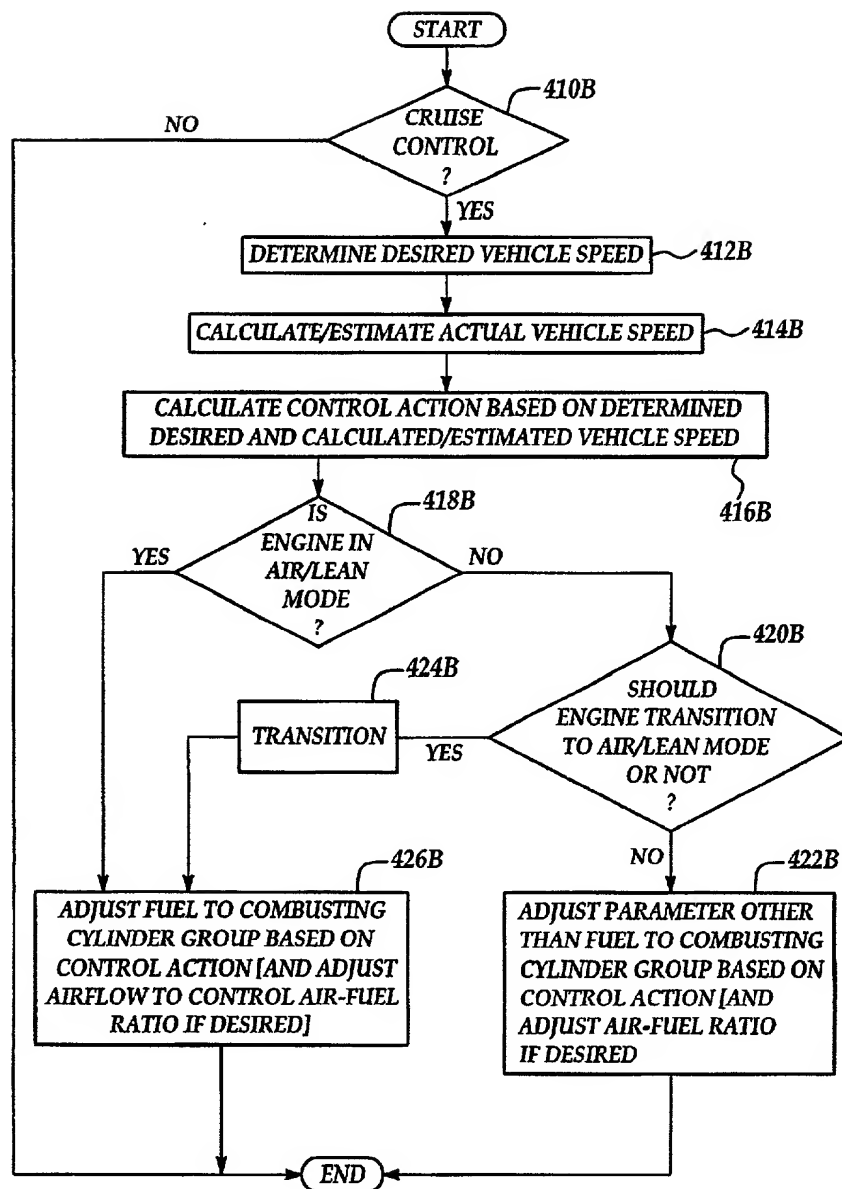


Figure 4B

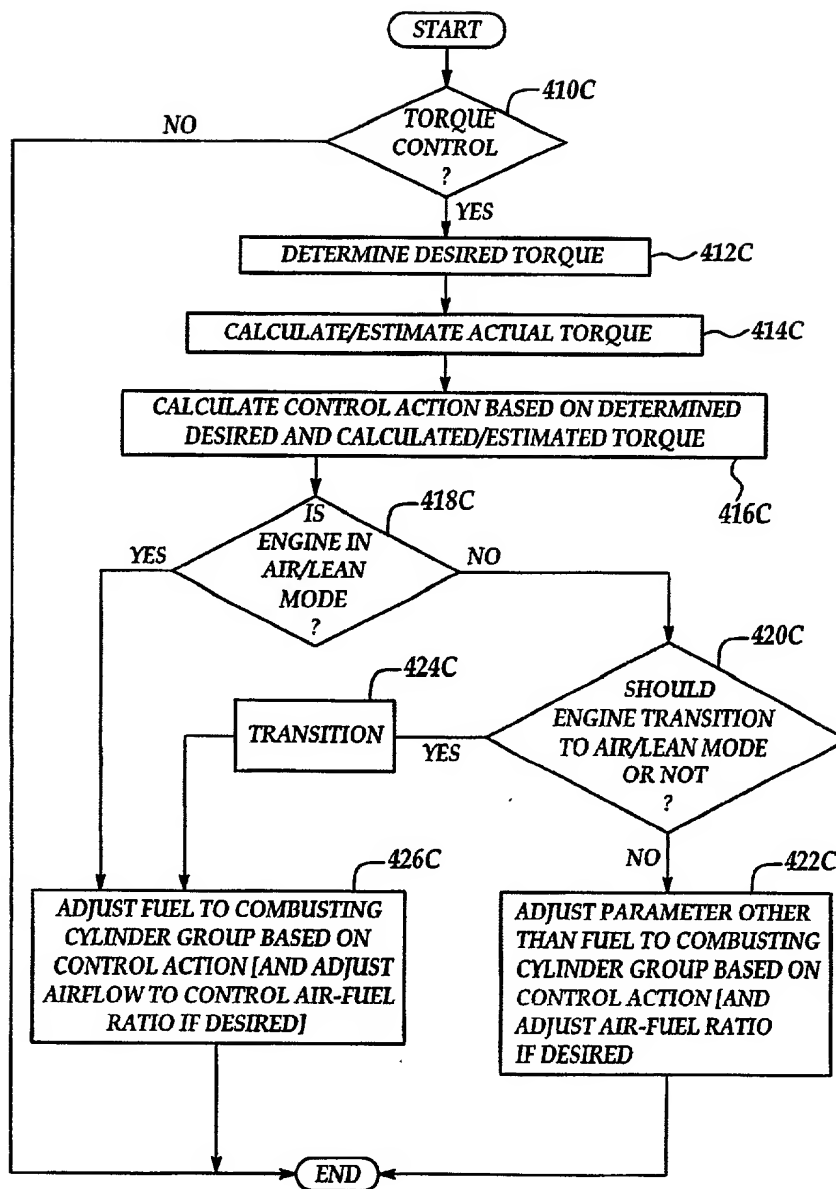


Figure 4C



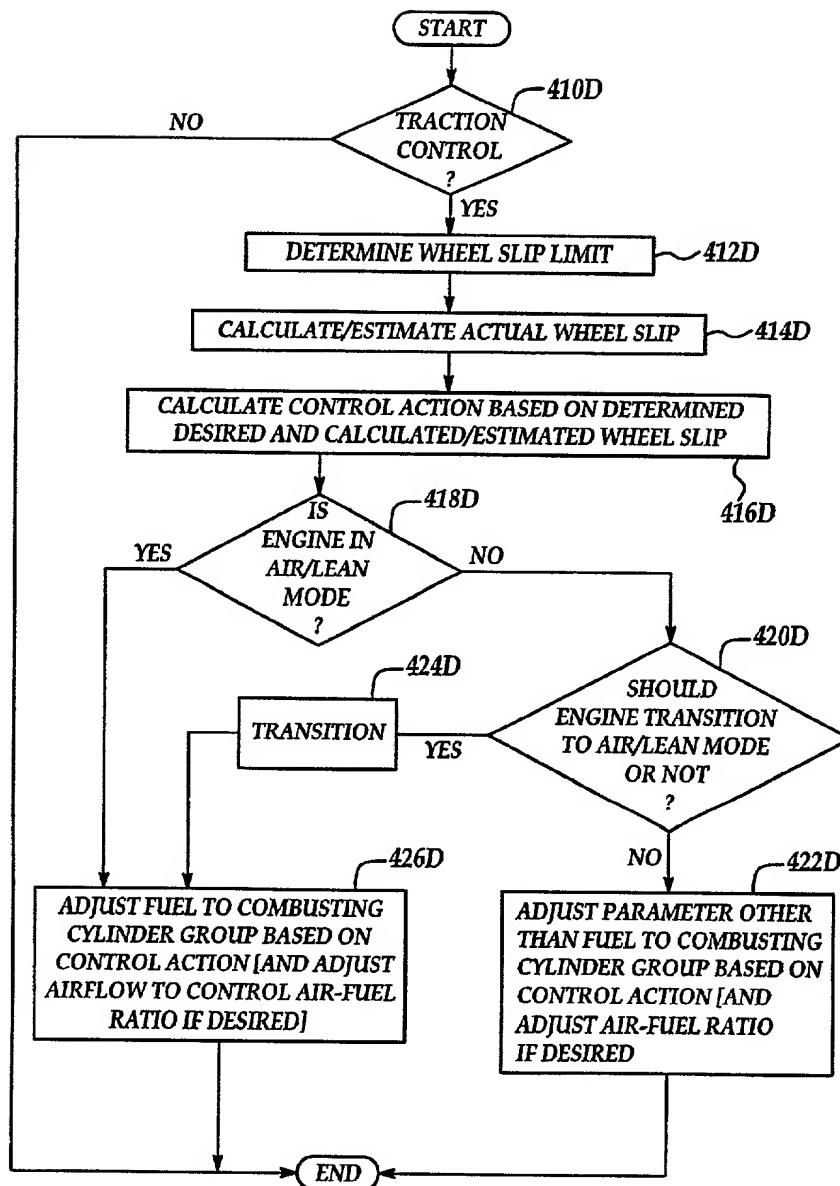


Figure 4D

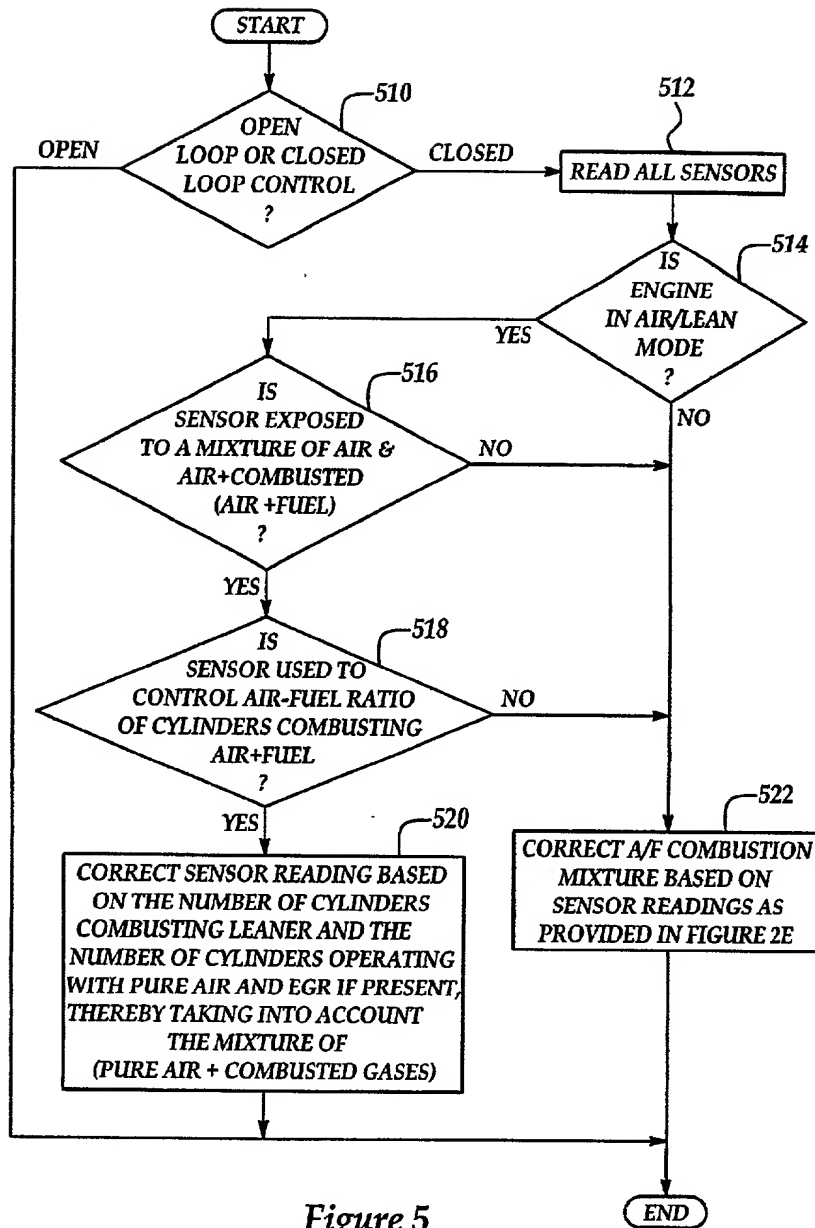
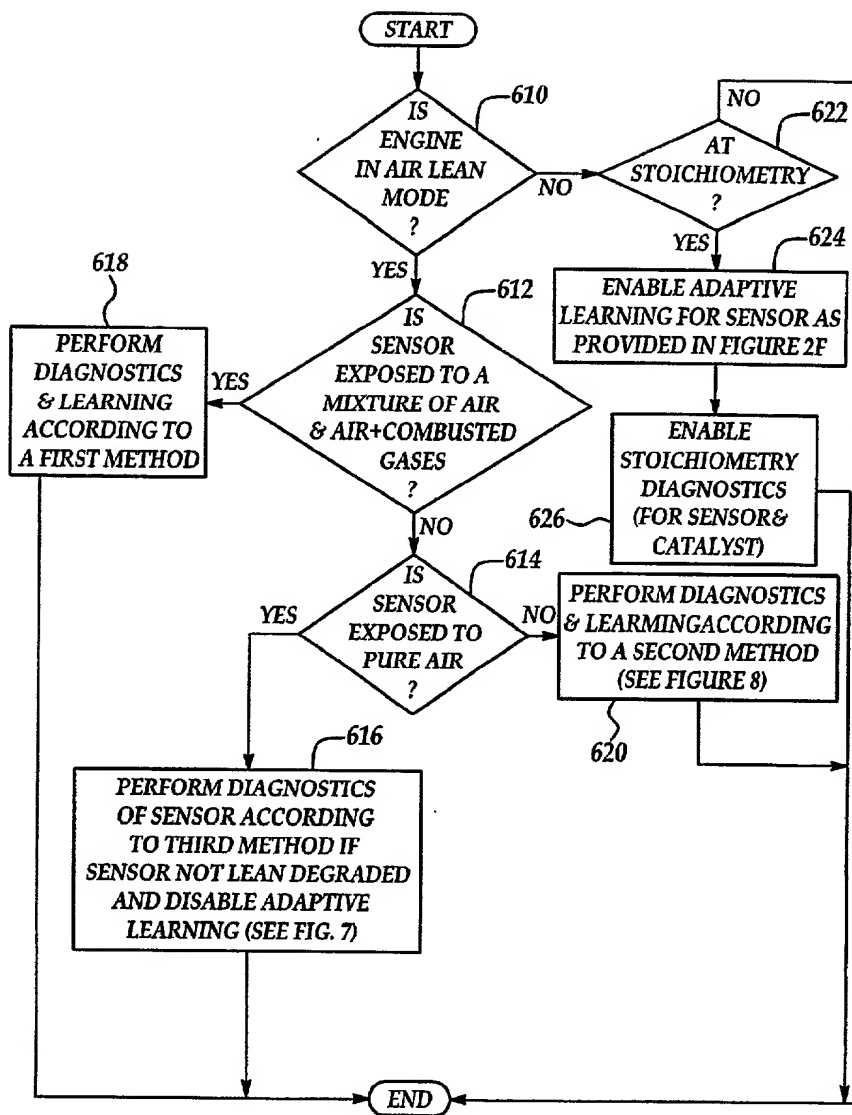


Figure 5



**Figure 6**

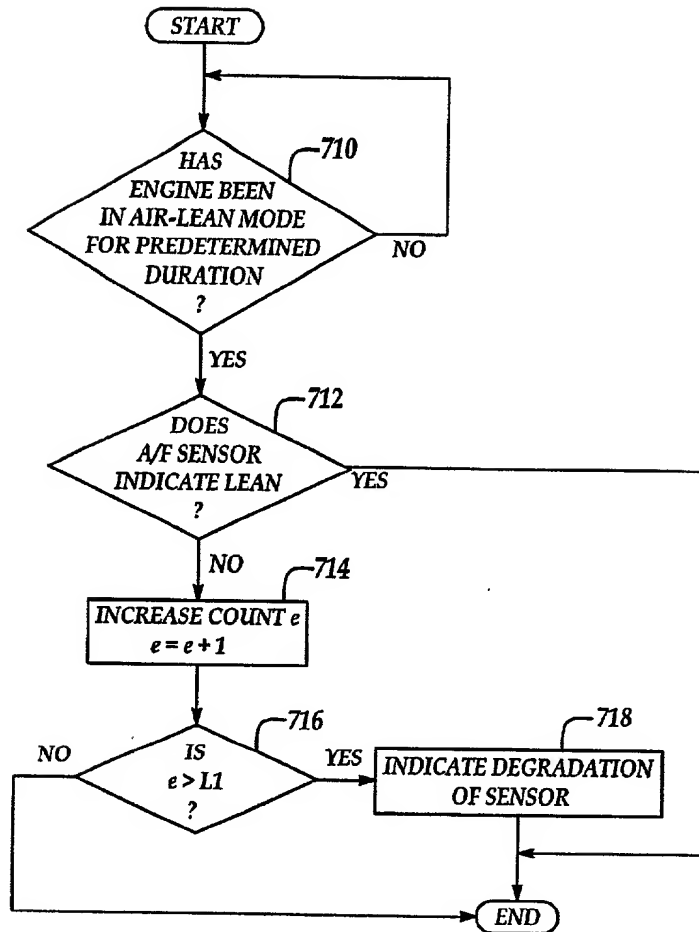


Figure 7

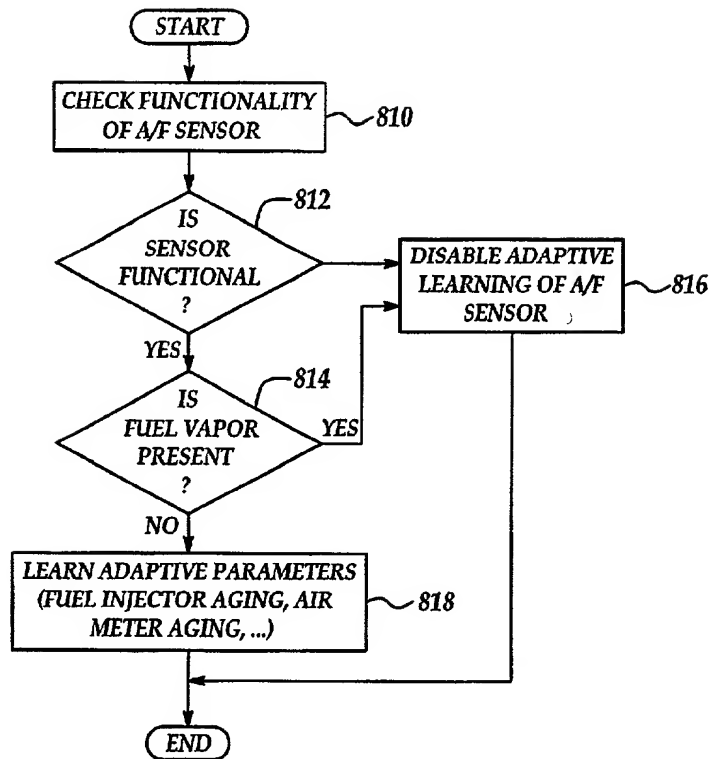


Figure 8

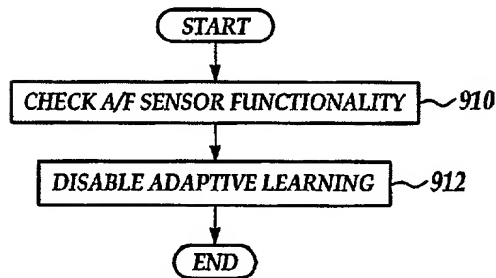


Figure 9

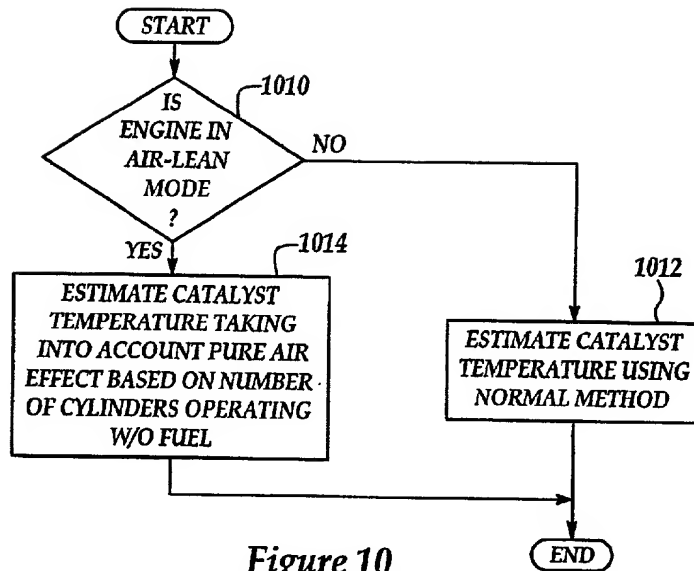


Figure 10

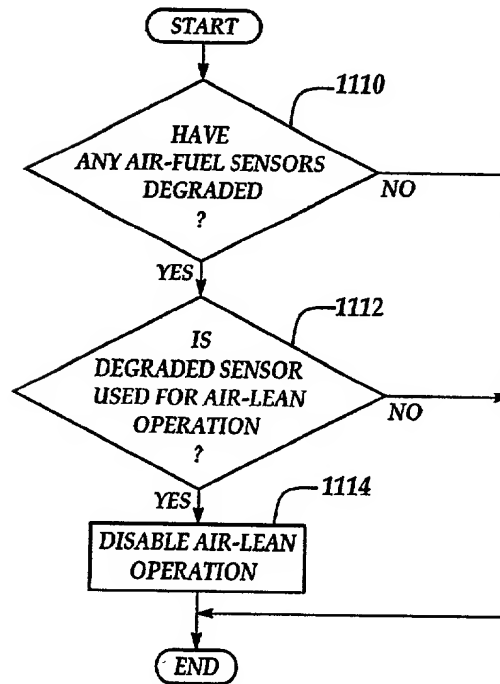
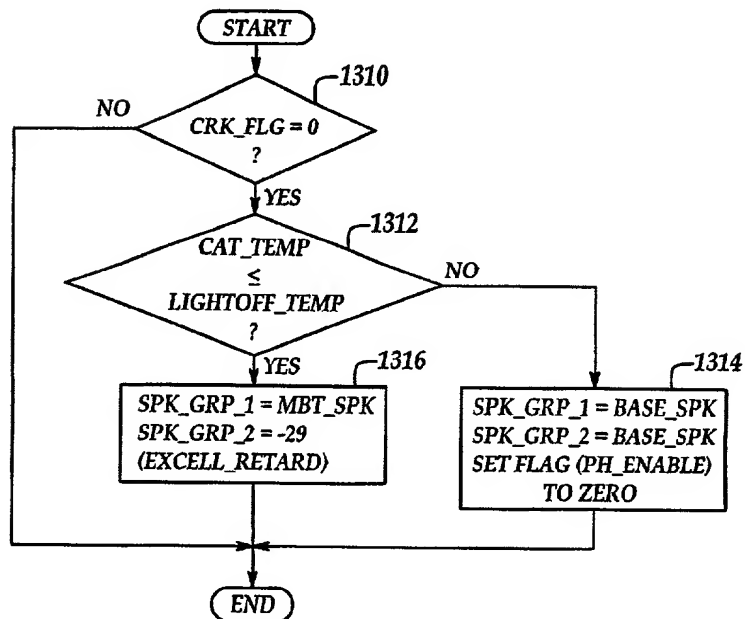
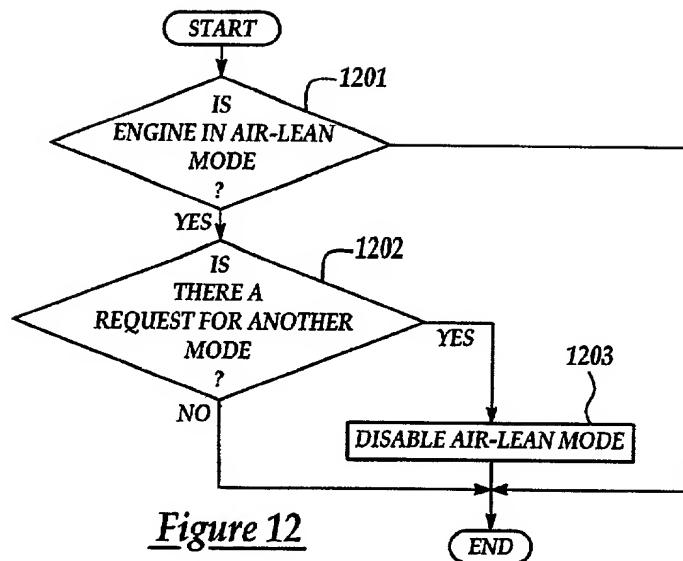
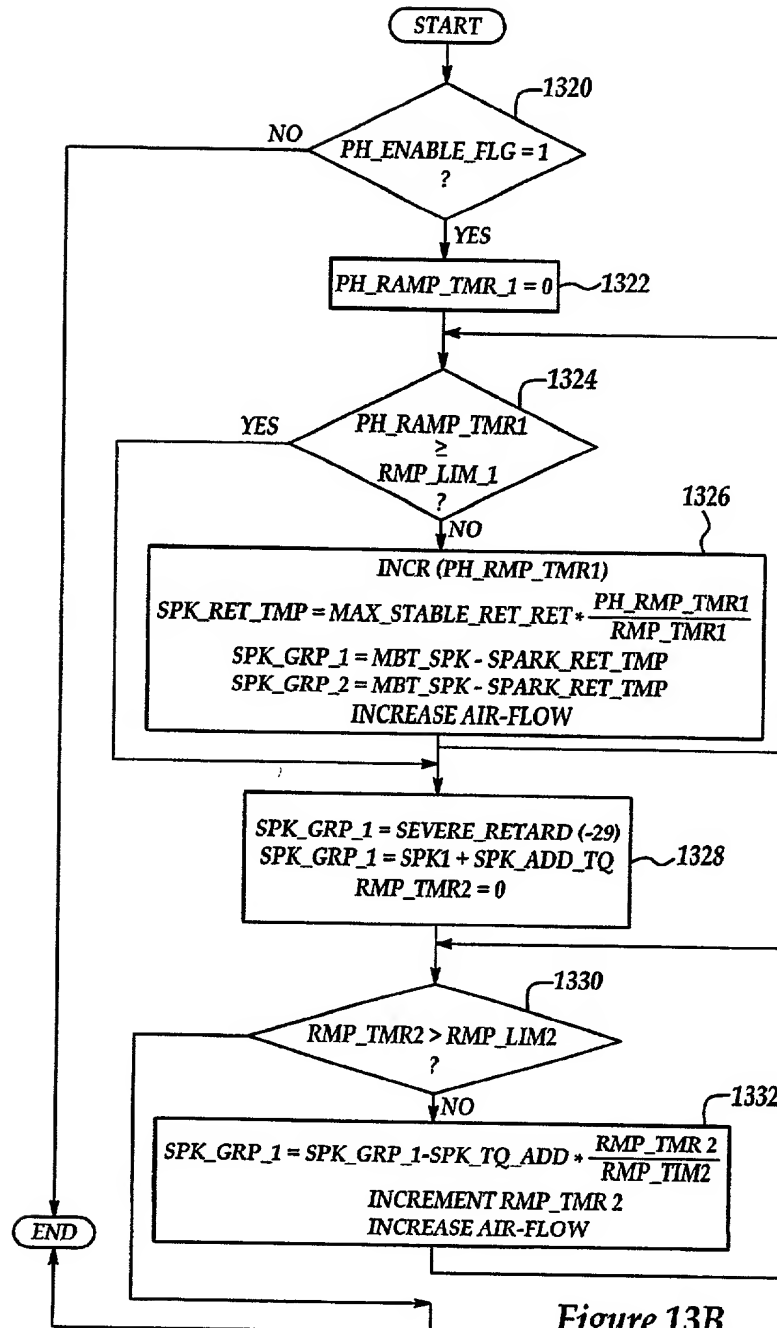


Figure 11





**Figure 13B**



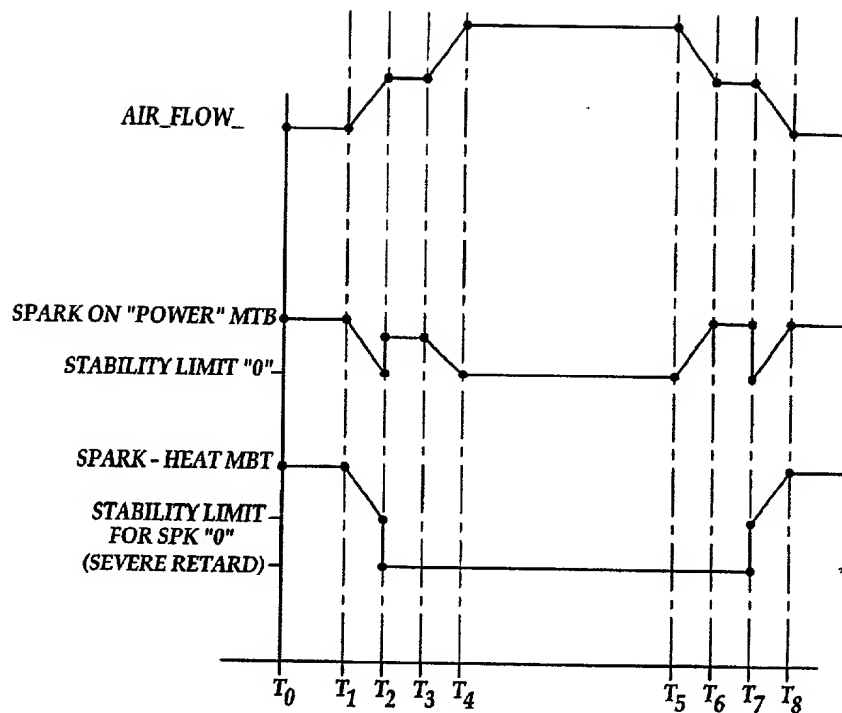
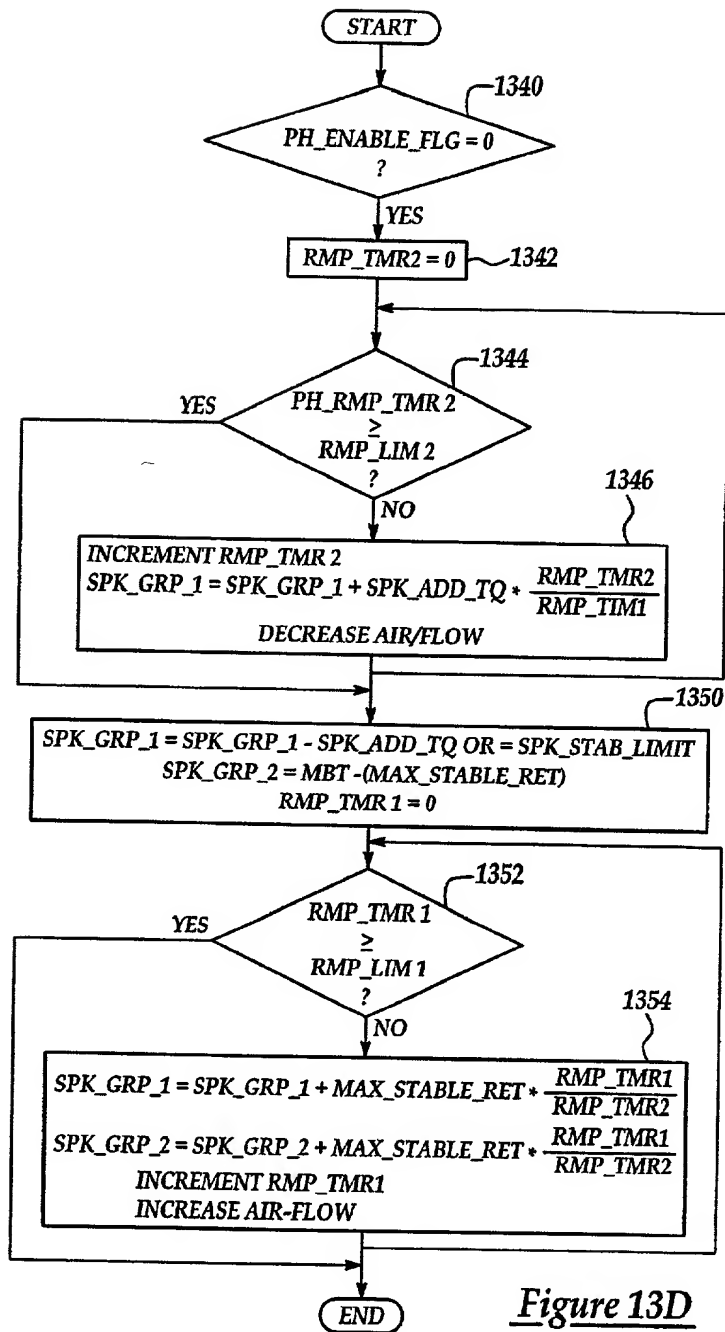


Figure 13C



**Figure 13D**

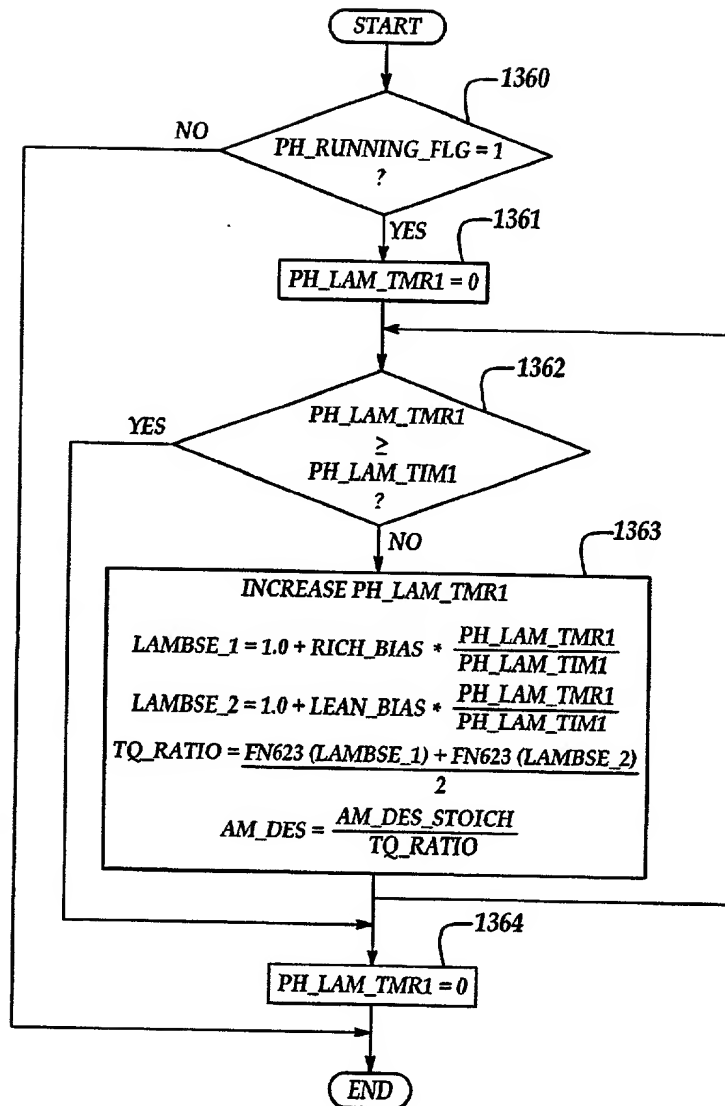


Figure 13E

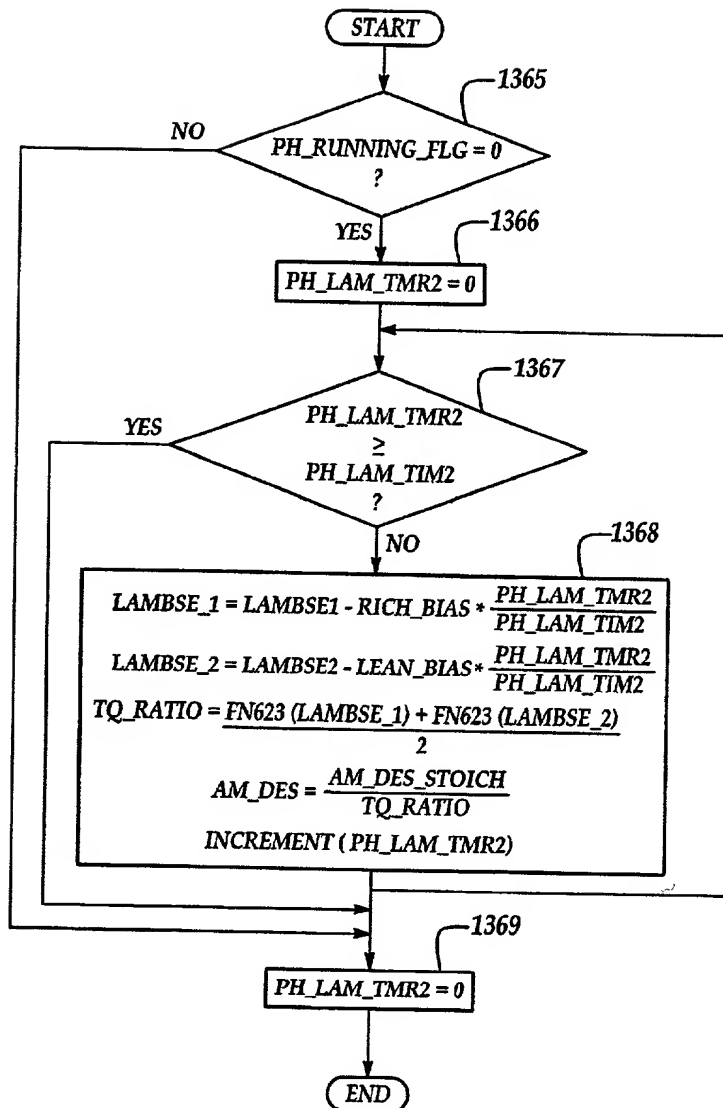
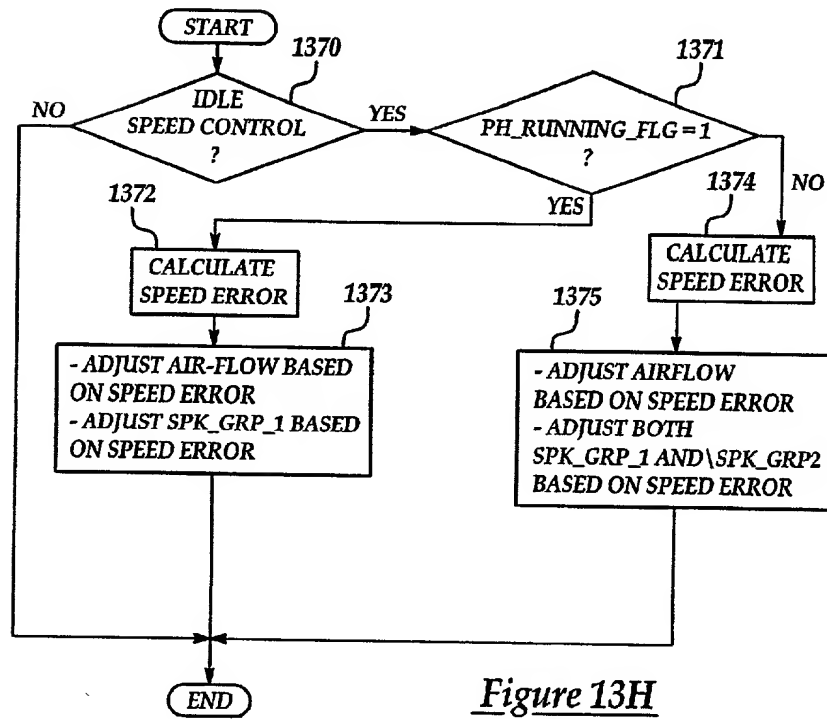
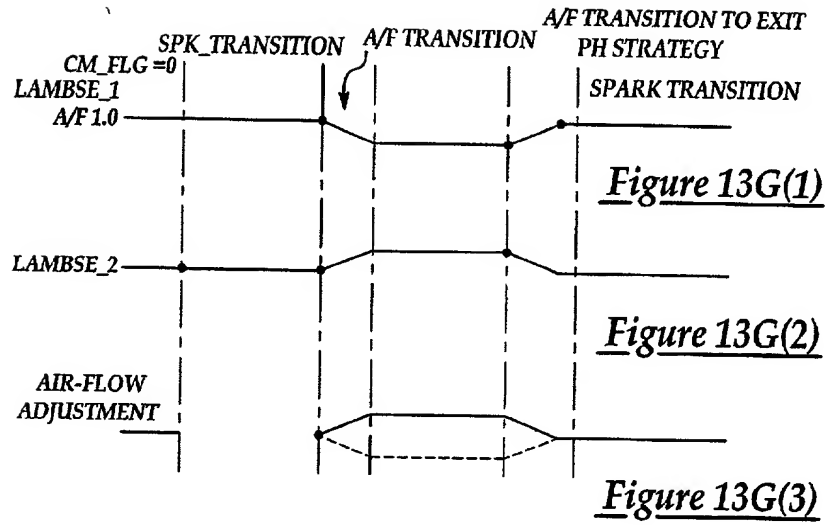


Figure 13F



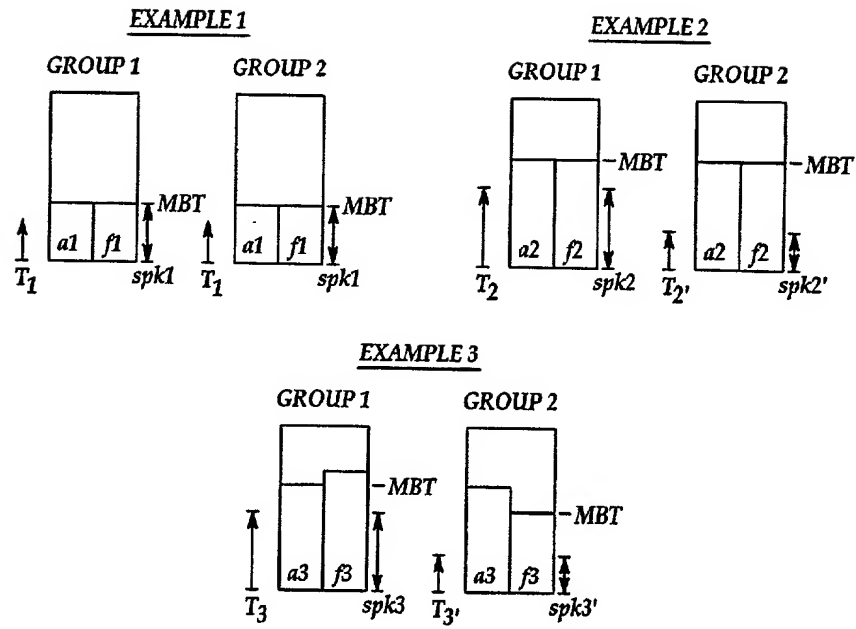


Figure 13I

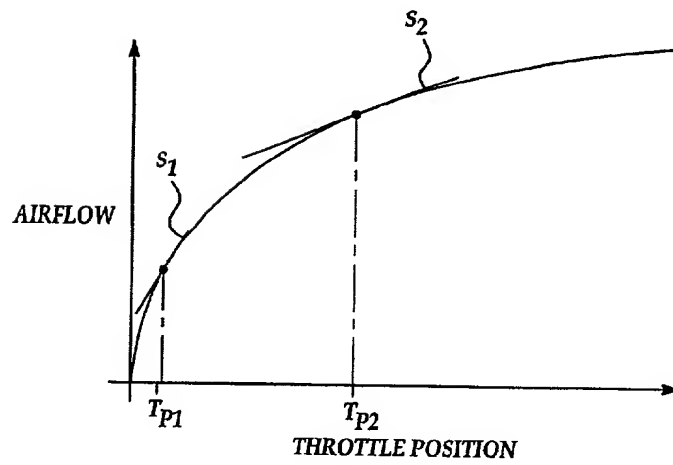
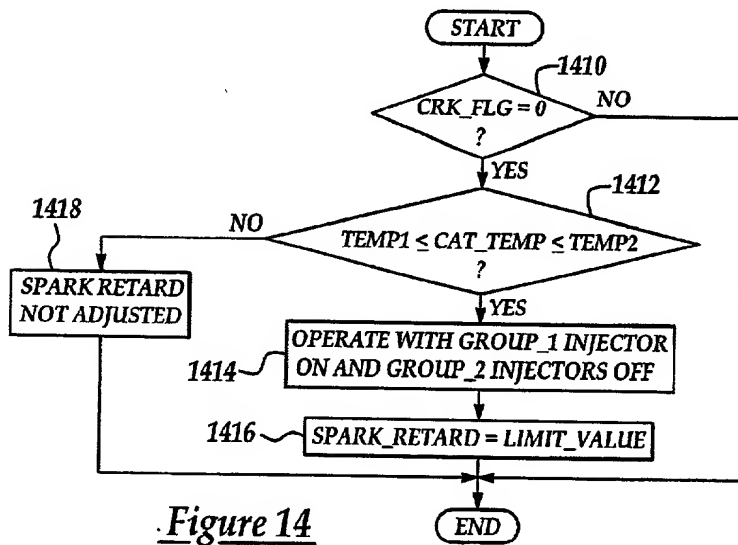
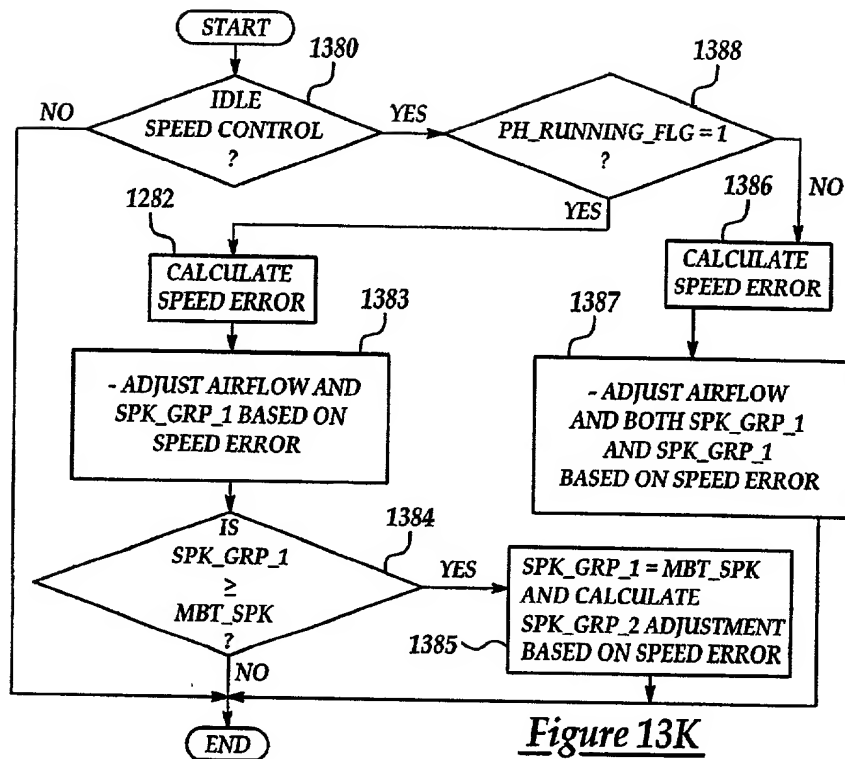
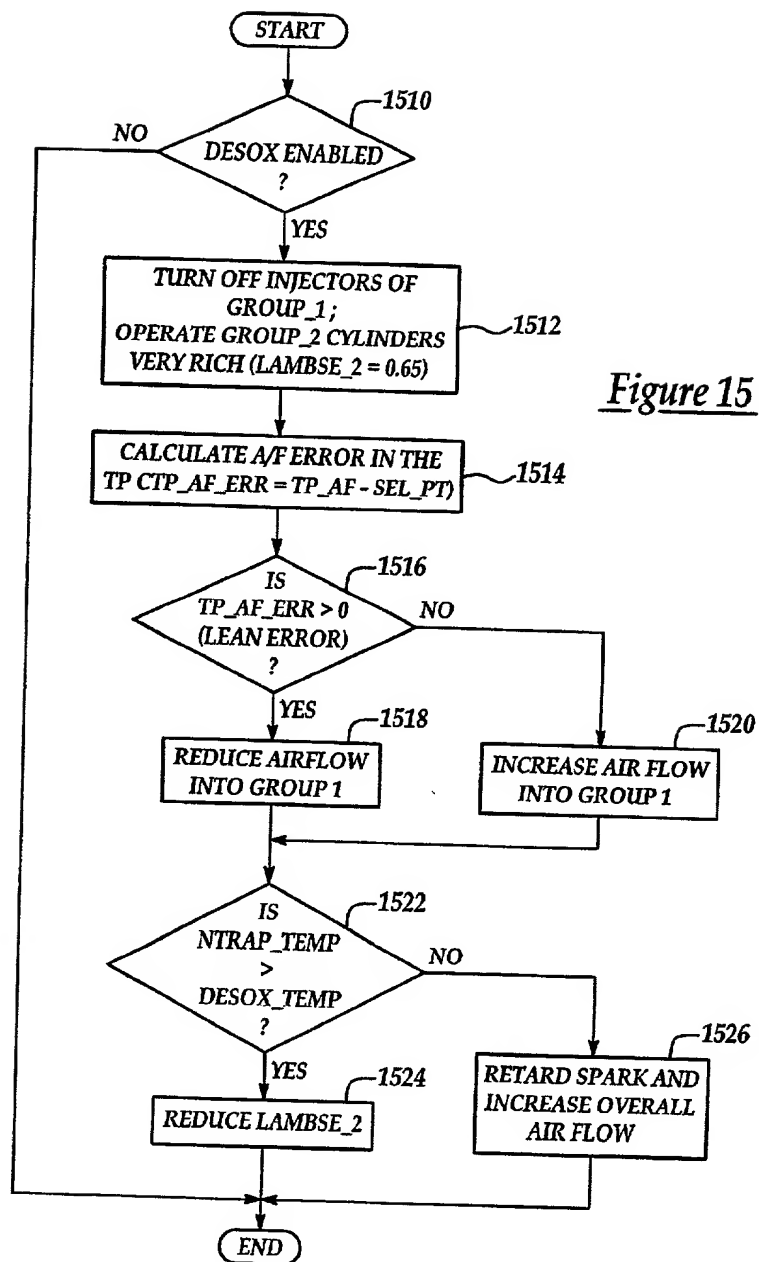


Figure 13J





*Figure 15*